



FORM PTO 1083

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GROUP 1700

Case Docket No. SUGI0069

Date: April 30, 2003

In re Application of: Tadahiro OHMI et al.

Serial No. 09/783,287

Filed: February 15, 2002

For: METHOD FOR GENERATING MOISTURE, REACTOR FOR GENERATING MOISTURE, METHOD FOR CONTROLLING TEMPERATURE

ASSISTANT COMMISSIONER FOR PATENTS

Box:  
Washington, D. C. 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- [ ] Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
- [ ] A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is hereby claimed.
- [ XXX ] No additional fee is required.

The fee has been calculated as shown below:

(COL. 1)		(COL. 2)	(COL. 3)	SMALL ENTITY		OTHER	THAN A
CLAIMS		HIGHEST NO.	PRESENT	RATE	ADDIT. FEE	OR	SMALL ENTITY
REMAINING		PREVIOUSLY	EXTRA				
AFTER		PAID FOR				RATE	ADDIT. FEE
AMENDMENT							
TOTAL *	MINUS **	= 0		X 9 = \$		X 18 = \$	
INDEP. *	MINUS ***	= 0		X 42 = \$		X 84 = \$	
[ ] FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				X140 = \$		X280 = \$	

TOTAL  
ADDIT. FEE \$ \_\_\_\_\_ OR TOTAL \$ \_\_\_\_\_

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- \*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- \*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.
- The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior Amendment or the number of claims originally filed.

- [ ] Please charge my Deposit Account No. 501281 in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is attached.
- [ ] A check (No. \_\_\_\_\_) in the amount of \$ \_\_\_\_\_ is attached.
- [ XXX ] The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 501281. A duplicate copy of this sheet is attached.

- [XX] Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- [XX] Any patent application processing fees under 37 CFR 1.17.

Joerg-Uwe Szimpl  
Reg. No. 31,799

PLEASE DIRECT ALL CORRESPONDENCE TO:

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#13/c  
5/1/03  
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GROUP 1700

In re Divisional Application of:

Tadahiro OHMI et al.

Serial No. 09/783,287

Filed: February 15, 2001

For: METHOD FOR GENERATING  
MOISTURE, REACTOR FOR  
GENERATING MOISTURE,  
METHOD FOR CONTROLLING  
TEMPERATURE OF REACTOR  
FOR GENERATING MOISTURE,  
etc.

) Atty. Docket: SUGI0069

) Group Art Unit: 1763

) Examiner: RIDLEY, Basia Anna

) Date: April 30, 2003

reflector in  
plates in  
chamber 81 are part  
of diffusion  
element (puz 12-4)

AMENDMENT (D)

ATTN.: FEE AMENDMENT  
Assistant Commissioner for Patents  
Washington, D. C. 20231

the diffusion element  
is part of nozzle  
invention (spec)

Sir:

In response to the official Office Action dated December 18, 2002, please amend  
the above-captioned application as follows:

IN THE SPECIFICATION:

1. Please replace the paragraph on page 2, lines 13-18, beginning with "In  
addition..." with the following new paragraph:

✓  
C1 In addition, there is also a problem in that when gas flow rate is reduced, flames are  
generated in the vicinity of the nozzle, SiO<sub>2</sub> composing the quartz nozzle evaporates, and  
these volatile materials mix in a reactor atmosphere (H<sub>2</sub>O + O<sub>2</sub>) and contaminate a gas